EloPOS Z30 with Intel®

All-in-One POS System



Integrated I/O

Integrated CFD with TouchPro PCAP

Enterprise-Grade Support

Product Overview

Built on Elo's unified architecture, the EloPOS Z30 with Intel delivers a powerful point of sale system that outperforms the competition. Complete with a 15.6-inch Full HD interactive display, integrated connectivity hub, contained cable routing, optional customer-facing touchscreen display and your choice of Windows 10, ChromeOS Flex or Linux (SuSE, Ubuntu and Red Hat), the EloPOS Z30 brings one of the sleekest form factors to the market. Start changing the way customers and employees interact by deploying a new generation of interactive point-of-sale technologies.

10-Touch TouchPro PCAP display with easy to clean edge-to-edge glass

Offer customers a point of interaction with an optional built in interactive CFD

Integrated connectivity hub built into the stand with a compartment for seamless cable routing

EloPOS Z30 with Intel

Specifications	
Bezel Color	Dark Grey Metallic
Diagonal Size	15.6" / 396.24 mm
Active Display Area	13.55" x 7.62" / 344 mm x 194 mm
Resolution	1920 x 1080 @ 60Hz
Touch Technology	TouchPro® PCAP (Projected Capacitive) - up to 10 touches
Aspect Ratio	16:9
Number of Colors	16.2M
Brightness	LCD Panel: 300 nits; PCAP: 255 nits
Response Time	25 ms
Viewing Angle	Horizontal: ±85° or 170° total / Vertical: ±85° or 170° total
Contract Ratio	1000:1
Operating System	No Operating System Microsoft Windows 10 IoT Enterprise LTSC 64-bit
Languages	Windows 10 – 36 Language groups
Processor	Intel® Pentium® Processor J6426
Memory	8GB 3200MHz DDR4 SO-DIMM on 1 slot (Expandable to 32 GB maximum on 1 slot)
Storage	128GB M.2 NVME SSD (GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.)
Graphics	Intel UHD Graphics
BIOS	AMI
Wireless	802.11 a/b/g/n/ac/ax 2.4GHz and 5GHz and 6GHz, Bluetooth 5.2
Antenna	2T2R design
Webcam	8MP, Max Resolution: 1920x1080 30fps Auto Focus
Audio	2x 2W internal speakers, Digital Microphone
TPM	TPM 2.0
I/O Ports	I/O ports on display: USB-C Connector, Supports USB 2.0/3.0, DP output, (Requires 20V/40W USB-C Power Delivery 2.0 if not using IO Hub for power) I/O ports on stand: DC in Jack, 4x USB3.0, LAN RJ45 (Gigabit) (wo Wake on Lan at S5 support), RJ12 12V/24V Cash Drawer Port on I/O (EPSON Pinout, 24V default; selectable by BIOS), Powered USB 24V, Full-function USB-C (Power up to 27W, USB 3.0, Display Port) (non-CFD model only)
Power	External 24VDC universal-type power supply brick; AC input voltage: 100-240 VAC, Input frequency: 50-60 Hz; Maximum output power: 150W
Power Consumption	ON With CFD: 40W, ON Without CFD: 32W, SLEEP: <2.0W, OFF: <0.5W
Real-Time Clock	Replaceable CR2450 lithium metal battery
Dimensions (W x D x H)	Unpackaged: 14.3" x 17.6" x 7.10" / 362.8 mm x 298.7 mm x 180.4 mm; Packaged: 18.11" x 10.63" x 15.71" / 460 mm x 270 mm x 399 mm
Weight	Unpackaged: 8.8 lbs / 4 kg; Packaged: 14.1 lbs / 6.4 kg
Temperature	Operating: 32°F to 95°F (0°C to 35°C); Storage: -4°F to 140°F (-20°C to 60°C)
Humidity	Operating: 10%-90%; Storage: 0%-95% 38.7° max wet bulb temperature
Mounting Options	VESA 75mm
MTBF	50,000 hours demonstrated
Warranty	3 years standard
Extended Warranty	4 year warranty coverage - Elo P/N: E819598 5 year warranty coverage - Elo P/N: E819795 3 year warranty coverage + AUR - Elo P/N: E820186 4 year warranty coverage + AUR - Elo P/N: E820388 5 year warranty coverage + AUR - Elo P/N: E820582
Regulatory Approvals	UL/cUL, FCC, CE, CB, NOM, RCM, VCCI, Argentina S-Mark, CCC, SRRC, ANATEL, UKCA
What's in the Box	EloPOS Z30, NA Power Cable, EU Power Cable, Quick Install Guide, 150W Power Brick, 2 x Zip Ties, M4x8 flat head screw, 2x M4x6 flat head screw, Base Plate – for mounting to a countertop

Built-In Customer-Facing Display

Specifications	
Size Resolution	10.1 inch 1200x1920
Active Display Area	5.33" x 8.53" / 135.36 mm x 216.58 mm
Operating System	Horizontal: ±80° or 160° total / Vertical: ±80° or 160° total
Processor	LCD Panel: 450 nits; TouchPro PCAP: 387 nits
Number of Colors	8-bit (16.7M)
Touch Technology	TouchPro® PCAP (Projected Capacitive) - up to 10 touches
Sealing	Touchscreen sealed to LCD

Ordering Information

Part Number	OS	Processor	Customer-Facing Display
E984463	No OS	Intel Elkhart Lake J6426	With CFD
E984657	Windows 10	Intel Elkhart Lake J6426	With CFD
E984089	No OS	Intel Elkhart Lake J6426	Without CFD
E984275	Windows 10	Intel Elkhart Lake J6426	Without CFD

Learn more about Elo at **EloTouch.com**.

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